Ruvalcaba A

Full Stack Developer, 6+ years experience
Cuernavaca, Mexico
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Full-stack developer with a strong passion for science and technology, I specialize in backend development using Python, Node and Go to deliver reliable and efficient solutions. My experience across the financial, government, and tourism sectors has allowed me to refine my skills and adapt to a range of professional environments. I firmly believe that extraordinary accomplishments stem from consistently performing ordinary tasks with dedication and perseverance over time.

INDUSTRIES: Software and Platforms, Government

TECHNICAL SKILLS

• Python	5 years & 5 months
• Docker	5 years
• Pandas	5 years & 2 months
• React	5 years & 1 months
• Flask	4 years & 1 months
• Node.js	4 years & 3 months
• Pytest	3 years
• DevOps	3 years & 7 months
• Azure	3 years & 1 months
• AWS	3 years & 1 months
• golang	3 years & 1 months
• Kubernetes	3 years & 1 months
• RabbitMQ	2 years & 8 months

PROJECT DETAILS

• Luxoft February-2022 - September-2023

Project Description: I focused on the development of payment microservices. My responsibilities included designing relational databases, creating new endpoints for processing payments, and establishing communication with our clients' services to securely share payment token information.

Responsibilities: Microservices Development: I successfully designed and implemented payment microservices, leveraging technologies like Python, RabbitMQ, Redis, Flask, SQLAlchemy, and Docker to deliver efficient and scalable solutions. • Data Analysis and Visualization: Utilizing my expertise in Python, Pandas, Elasticsearch, and Kibana, I developed pipelines for extracting and analyzing data from work tracking and version control tools, such as Jira and Git. The time series analysis and visualizations I provided were instrumental in empowering the management team with valuable insights for data-driven decision-making. • Integration with Third-party APIs: I adeptly integrated payment functionality using the Stripe API, ensuring secure and seamless payment processing for our clients. • Cloud and DevOps: Collaborating closely with the DevOps team, I assisted in deploying and managing the microservices efficiently, making use of Docker, AWS services and kubernetes. This approach ensured high availability and scalability for our applications. I worked closely with the DevOps teams to create a strategy and migrate one of our main products to Azure. We replaced EC2, S3, and Lambda functions with equivalent Azure technologies such as Linux virtual machines, Azure functions, Azure storage platform. As a Front-end Developer for a SaaS product in the tourism industry, I was responsible for the implementation and maintenance of the instant booking functionality. My role involved ensuring a smooth user experience, enabling customers to easily and efficiently secure their reservations.

Technologies: Python, pandas, pytest, flask, Node, SQLAlchemy, Stripe API, Elasticsearch, Kubernetes, Kibana, Docker, Kubernetes, Redis, MongoDB, RabbitMQ, PostgreSQL, AWS, EC2, S3, Lambda, Linux virtual machines, Azure functions, Azure storage platform, Elasticsearch

Industry: Software and Platforms

• Secretaria de la Funcion Publica January-2018 - January-2021

Project Description: I played a key role in the development of a performance auditing program for public sector employees.

Responsibilities: My responsibilities included designing user interfaces, creating database structures, and developing APIs to ensure seamless integration and effective data management throughout the application.

Technologies: Python, pandas, Golang, React, Node, postgreSQL, Expressjs, Hasura, and keycloak, Docker

Industry: Government

• Intelligential January-2021 - February-2022

Project Description: I contributed to the development of a SaaS product widely utilized within the fintech industry, which focused on streamlining end-to-end bank loan management tools.

Responsibilities: My role involved understanding and implementing solutions that facilitated seamless integration with client platforms while adhering to the guidelines and protocols set forth by central banks.

Technologies: React, Node, Next.js, Golang, Chart.js, Apollo server, GraphQL, Flask, Pandas, PostgreSQL, Nest.js, Mapbox, Docker, Stripe API

Industry: Software and Platforms

EDUCATION

• Bachelors degree in Software Engineering from Universidad Iberoamericana 2016 - 2019

LANGUAGES

• English - advanced

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